

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims.

Claim 1 (currently amended). An image sensing apparatus having an image sensing device, comprising:

a driving unit adapted to drive ~~means for driving~~ the image sensing device by a plurality of driving schemes;

a pixel defect information storage unit adapted to store ~~means for storing~~ pixel defect information as information about a pixel defect in the image sensing device in correspondence with each driving scheme; and

a correction unit adapted to correct ~~means for correcting~~ the pixel defect by referring to the pixel defect information in said pixel defect information storage ~~unit means~~ in accordance with the driving scheme with which said driving ~~unit means~~ drives the image sensing device[.]],

wherein said correction unit, based on the first pixel defect information of the first driving scheme from the plurality of driving schemes, generates the second pixel defect information for the second driving scheme, and stores the second pixel defect information in said pixel defect information storage unit, and

wherein said second driving scheme drives to read the second number of pixels of signal from the image sensing device, which the second number is smaller than the first number of pixel of signal read from the image sensing device by the first driving scheme.

Claim 2 (cancelled).

Claim 3 (currently amended). The apparatus according to claim [[2]]1, wherein the first [[basic]] driving scheme is a driving scheme that reads all pixels of the image sensing device.

Claim 4 (cancelled).

Claim 5 (original). The apparatus according to claim 1, wherein said pixel defect information storage means is a nonvolatile recording medium.

Claim 6 (currently amended). An image sensing method using an image sensing apparatus having an image sensing device and driving unit adapted to drive means for driving the image sensing device by a plurality of driving schemes, comprising:

correcting a pixel defect by referring to pixel defect information in pixel defect information storage unit means in accordance with the driving scheme with which the driving unit means drives the image sensing device,

the pixel defect information storage unit means storing the pixel defect information as information about the pixel defect in the image sensing device in correspondence with each driving scheme.

Claim 7 (currently amended). A computer-readable recording medium which records a program for an image sensing apparatus having an image sensing device and driving unit adapted to drive means for driving the image sensing device by a plurality of driving schemes, characterized by causing a computer in the image sensing apparatus to execute processing for correcting a pixel defect by referring to pixel defect information in pixel defect information storage unit means in accordance with the driving scheme with which the driving unit means drives the image sensing device, the pixel defect information storage unit means storing the pixel defect information as information about the pixel defect in the image sensing device in correspondence with each driving scheme.

Claim 8 (currently amended). A computer-readable recording medium encoded with a computer program for an image sensing apparatus having an image sensing device and driving unit adapted to drive means for driving the image sensing device by a plurality of driving schemes, characterized by causing a computer in the image sensing apparatus to execute processing for correcting a pixel defect by referring to pixel defect information in pixel defect information storage unit means in accordance with the driving scheme with which the driving unit means drives the image sensing device, the pixel defect information storage unit means storing the pixel defect information as information about the pixel defect in the image sensing device in correspondence with each driving scheme.